

New Jersey Energy Master Plan  
Strategy Template  
2005-2020

**Instructions**

*Use this document as a template for providing suggestions on strategies/actions for specific objectives provided in **Section 2: Goals, Objectives, and Performance Measures**. Using this page as an instruction guide, fill in the blank tables for **each recommended strategy separately and email it to [energymasterplan@bpu.state.nj.us](mailto:energymasterplan@bpu.state.nj.us)***

**Objective**

*List the objective from **Section 2: Goals, Objectives, and Performance Measures** for which the strategy is submitted.*

Reduce our dependence on oil by cutting our demand for oil used in transportation to one-third below 2005 levels.

Reduce in-state global warming emissions by twenty percent below 2005 levels.

**Strategy**

*Provide a description of the actions needed to achieve the objective.*

Urge the federal government to increase Federal Fuel Economy Standards for Cars and Light Trucks to 40 miles per gallon or more.

**Responsible Party**

*Provide the name(s) of the agency or organization responsible for the implementation of the strategy.*

Office of Governor Corzine, New Jersey Department of Environmental Protection

**Timeline of action**

*List the incremental timeline of action for each strategy up to 2020.*

A gradual increase in federal fuel economy standards beginning in 2009 and culminating in a 40 miles per gallon standard for both cars and light trucks in 2018.

**Strategy outcome**

*List the expected incremental outcome(s) (results) of the strategy up to 2020.*

[Increase fuel economy for cars and light trucks to 40 miles per gallon.](#)

**Implementation cost**

*Provide the implementation cost.*

This strategy is both technologically feasible and likely to save consumers money. The Union of Concerned Scientists found that an average fuel economy standard of 40 miles per gallon is attainable in a 10-year timeframe, even without the widespread use of hybrid technology. In addition, UCS concluded that such standards would provide a net savings to purchasers of more efficient light trucks, even given a relatively conservative estimate of gasoline prices (\$1.75 per gallon). The Consumer Federation of America concluded that a 50 miles per gallon standard would be both feasible and cost-effective by 2030, assuming gasoline prices of \$3 per gallon and using technologies that are either currently available or projected to be available soon.

Source of Funding

*Provide source of funding to implement the strategy.*

N/A

Indicators

*List the suggested indicator(s) proposed to measure performance. Provide the data source of the indicator(s)*

A. Current state of indicator:

*List the current value of the indicator*

National average fuel economy standards for passenger cars is 27.5 miles per gallon.

According to the most recent data available (2002), statewide, New Jersey emits 122 MMTCO<sub>2</sub> of carbon dioxide

B. Indicator Projection to 2020

*Provide projected value of the indicator by 2020 to meet the expected outcome.*

Increase the average fuel economy for cars and light trucks to 40 miles per gallon.

Reduce New Jersey's carbon dioxide emissions statewide by 0.88 MMTCO<sub>2</sub> by 2010, 8.62 MMTCO<sub>2</sub> by 2020, 11.41 MMTCO<sub>2</sub> by 2025.

SUBMITTED BY

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